
Oral Health

Definition: Respondents who have not visited a dentist or dental clinic for any reason within the past year.

Prevalence of Oral Health

- South Dakota 27.9%
- Nationwide median 29.7%

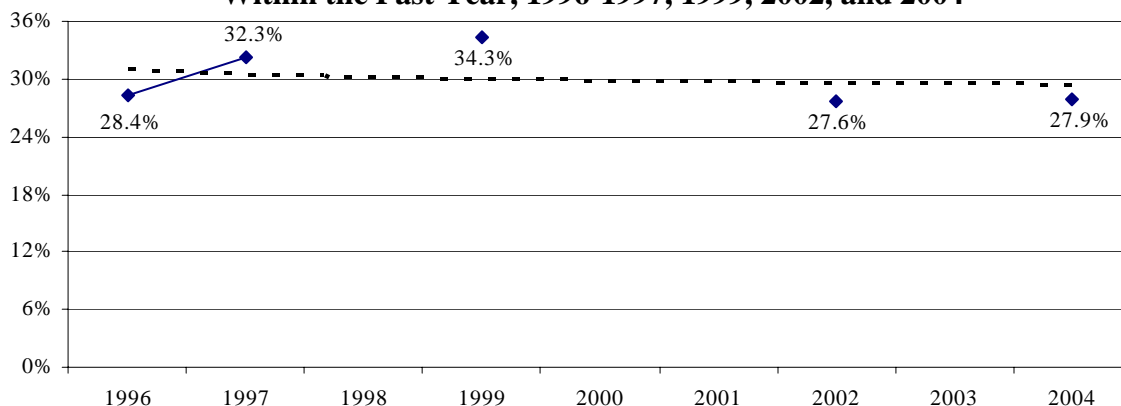
Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for not visiting a dentist or dental clinic for any reason within the past year.

Trend Analysis

This question was first asked in 1996 and hit its peak in 1997 with 32.3 percent of respondents who have not visited a dentist or dental clinic for any reason within the past year. The percent has remained steady in 2002 and 2004.

Figure 34
Percent of Respondents Who Have Not Visited a Dentist or Dental Clinic for Any Reason Within the Past Year, 1996-1997, 1999, 2002, and 2004



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1996-1997, 1999, 2002, and 2004

Demographics

- Gender** Males exhibit a significantly higher prevalence of those not visiting a dentist in the past year than females. This gender difference is most evident among whites, those in the American Indian counties region, those in the higher income groups, and those who are married.
- Age** The lack of visiting a dentist generally increases as age increases. However, a significant decrease is observed as the 35-44 age group is reached. A steady increase then occurs that includes a significant increase in not seeing a dentist in the past year as the 65-74 age group is reached.
- Race** There are no significant racial differences observed from the available data.

| | |
|--------------------------|--|
| Region | The central, west, and American Indian counties regions demonstrate a very high prevalence of not seeing a dentist, while the southeast region shows a very low prevalence. |
| Household Income | The prevalence of no dental visits in the past year generally decreases as household income increases. This includes significant decreases as the \$35,000-\$49,999 and \$75,000 and over income groups are reached. |
| Education | The prevalence of no visits to the dentist in the past year decreases as education increases. This includes significant decreases as the some post-high school and college graduate levels are reached. |
| Employment Status | Those who are unemployed, retired, or unable to work exhibit a very high prevalence of no dental visits in the past year, while those who are students show a very low prevalence. |
| Marital Status | Those who are divorced, separated, or widowed demonstrate a significantly higher prevalence of no dental visits in the past year than those who are married or have never been married. |

Table 45
Respondents Who Have Not Visited a Dentist or Dental Clinic for Any Reason Within the Past Year, 2004

| | Total | | | Male | | | Female | | |
|--------------------------|--------------|-------------|--------------------|--------------|-------------|--------------------|--------------|-------------|--------------------|
| | # Resp. | % | 95% CI | # Resp. | % | 95% CI | # Resp. | % | 95% CI |
| Total | 6,127 | 27.9 | (26.5-29.3) | 2,521 | 30.8 | (28.7-33.1) | 3,606 | 25.1 | (23.4-26.9) |
| Age | | | | | | | | | |
| 18-24 | 337 | 24.3 | (19.4-29.9) | 149 | 23.2 | (16.6-31.5) | 188 | 25.4 | (18.8-33.3) |
| 25-34 | 788 | 32.3 | (28.6-36.3) | 336 | 38.1 | (32.3-44.3) | 452 | 26.1 | (21.8-31.0) |
| 35-44 | 1,033 | 22.8 | (20.0-25.8) | 430 | 26.3 | (22.0-31.1) | 603 | 19.2 | (15.9-23.0) |
| 45-54 | 1,280 | 23.5 | (20.9-26.3) | 569 | 28.1 | (24.1-32.5) | 711 | 18.7 | (15.7-22.0) |
| 55-64 | 965 | 27.3 | (24.2-30.7) | 406 | 30.6 | (25.8-36.0) | 559 | 24.1 | (20.2-28.4) |
| 65-74 | 881 | 34.4 | (31.0-38.0) | 366 | 39.8 | (34.4-45.6) | 515 | 29.7 | (25.6-34.3) |
| 75+ | 824 | 39.2 | (35.4-43.1) | 260 | 38.3 | (31.8-45.1) | 564 | 39.8 | (35.3-44.5) |
| Race | | | | | | | | | |
| White | 5,481 | 27.8 | (26.3-29.2) | 2,271 | 30.9 | (28.6-33.2) | 3,210 | 24.7 | (22.9-26.6) |
| American Indian | 434 | 32.1 | (26.4-38.4) | 164 | 37.3 | (28.3-47.3) | 270 | 28.0 | (20.8-36.4) |
| Region | | | | | | | | | |
| Southeast | 1,515 | 24.2 | (21.8-26.8) | 626 | 27.2 | (23.5-31.3) | 889 | 21.4 | (18.4-24.7) |
| Northeast | 1,390 | 28.3 | (25.6-31.1) | 559 | 31.0 | (26.8-35.6) | 831 | 25.6 | (22.5-29.0) |
| Central | 1,148 | 31.1 | (28.1-34.4) | 463 | 34.2 | (29.4-39.2) | 685 | 28.3 | (24.5-32.6) |
| West | 1,431 | 30.7 | (27.8-33.7) | 602 | 32.9 | (28.5-37.6) | 829 | 28.5 | (24.9-32.4) |
| American Indian Counties | 643 | 35.3 | (30.7-40.2) | 271 | 42.1 | (35.0-49.5) | 372 | 28.6 | (23.1-34.9) |
| Household Income | | | | | | | | | |
| Less than \$10,000 | 307 | 34.6 | (28.0-41.8) | * | * | * | * | * | * |
| \$10,000-\$14,999 | 367 | 47.3 | (41.0-53.8) | 102 | 58.4 | (45.7-70.1) | 265 | 41.3 | (34.3-48.8) |
| \$15,000-\$19,999 | 505 | 40.5 | (34.7-46.6) | 188 | 42.8 | (33.9-52.1) | 317 | 38.7 | (31.2-46.7) |
| \$20,000-\$24,999 | 674 | 34.8 | (30.2-39.6) | 263 | 37.8 | (30.6-45.7) | 411 | 31.9 | (26.5-37.8) |
| \$25,000-\$34,999 | 982 | 33.2 | (29.5-37.2) | 434 | 36.2 | (30.7-42.1) | 548 | 29.9 | (25.2-34.9) |
| \$35,000-\$49,999 | 1,045 | 25.1 | (22.1-28.4) | 475 | 27.5 | (22.9-32.5) | 570 | 22.6 | (18.8-26.8) |
| \$50,000-\$74,999 | 910 | 21.0 | (18.0-24.2) | 408 | 25.5 | (21.0-30.6) | 502 | 16.4 | (12.9-20.7) |
| \$75,000+ | 720 | 13.9 | (11.3-17.0) | 379 | 17.6 | (13.7-22.3) | 341 | 8.5 | (5.8-12.2) |
| Education | | | | | | | | | |
| 8th Grade or Less | 257 | 53.6 | (46.2-60.7) | 131 | 54.8 | (44.7-64.5) | 126 | 51.8 | (41.5-61.8) |
| Some High School | 322 | 40.4 | (33.5-47.8) | 137 | 43.7 | (33.5-54.4) | 185 | 36.9 | (27.9-46.9) |
| High School or G.E.D. | 2,018 | 33.3 | (30.7-36.0) | 859 | 36.1 | (32.1-40.3) | 1,159 | 30.4 | (27.1-33.9) |
| Some Post-High School | 1,738 | 26.9 | (24.5-29.5) | 648 | 29.8 | (25.8-34.1) | 1,090 | 24.6 | (21.6-27.8) |
| College Graduate | 1,780 | 18.0 | (16.0-20.2) | 741 | 20.3 | (17.2-23.9) | 1,039 | 15.7 | (13.3-18.5) |

Table 45 (continued)
Respondents Who Have Not Visited a Dentist or Dental Clinic for Any Reason Within the Past Year, 2004

| | Total | | | Male | | | Female | | |
|--------------------------|---------|------|-------------|---------|------|-------------|---------|------|-------------|
| | # Resp. | % | 95% CI | # Resp. | % | 95% CI | # Resp. | % | 95% CI |
| Employment Status | | | | | | | | | |
| Employed for Wages | 3,051 | 25.3 | (23.4-27.3) | 1,252 | 29.0 | (26.0-32.1) | 1,799 | 21.4 | (19.2-23.9) |
| Self-employed | 829 | 29.7 | (26.2-33.5) | 546 | 32.0 | (27.6-36.8) | 283 | 24.6 | (19.3-30.9) |
| Unemployed | 146 | 42.0 | (30.8-54.0) | * | * | * | * | * | * |
| Homemaker | 288 | 27.6 | (22.0-34.0) | * | * | * | * | * | * |
| Student | 134 | 12.7 | (7.8-20.0) | * | * | * | * | * | * |
| Retired | 1,492 | 35.2 | (32.5-38.0) | 527 | 37.8 | (33.3-42.6) | 965 | 33.3 | (30.1-36.7) |
| Unable to Work | 184 | 45.0 | (36.6-53.7) | * | * | * | * | * | * |
| Marital Status | | | | | | | | | |
| Married/Unmarried Couple | 3,649 | 25.6 | (24.0-27.3) | 1,574 | 29.4 | (26.9-32.1) | 2,075 | 21.9 | (19.9-24.0) |
| Divorced/Separated | 817 | 38.1 | (34.0-42.3) | 355 | 42.9 | (36.9-49.0) | 462 | 33.8 | (28.4-39.6) |
| Widowed | 884 | 42.1 | (38.5-45.8) | 162 | 46.6 | (38.3-55.0) | 722 | 41.1 | (37.0-45.2) |
| Never Married | 765 | 25.7 | (21.7-30.0) | 426 | 28.4 | (23.2-34.2) | 339 | 21.2 | (15.7-28.0) |

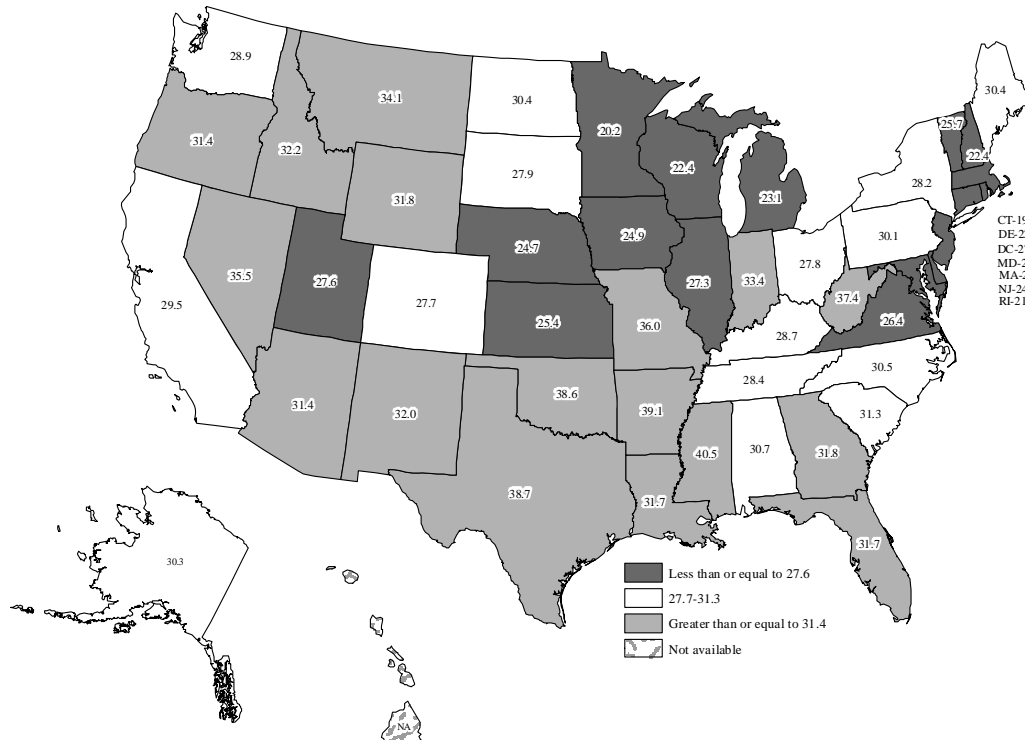
Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

National Statistics

The national median for respondents who have not visited a dentist or dental clinic for any reason within the past year was 29.7 percent. South Dakota had 27.9 percent of respondents who have not visited a dentist or dental clinic for any reason within the past year. Connecticut had the lowest percent of respondents who have not visited a dentist or dental clinic for any reason within the past year with 19.3 percent, while Mississippi had the highest percent with 40.5 percent.

Figure 35
Nationally, Respondents Who Have Not Visited a Dentist or Dental Clinic for Any Reason Within the Past Year, 2004



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

Further Analysis

Following are data illustrating the percent of those who have not visited a dentist or dental clinic for any reason within the past year for various health behaviors and conditions. For example, 40 percent of respondents who stated they have fair or poor health status have not visited a dentist or dental clinic for any reason within the past year, while 26.2 percent of respondents who stated they have excellent, very good, or good health status have not visited a dentist or dental clinic for any reason within the past year.

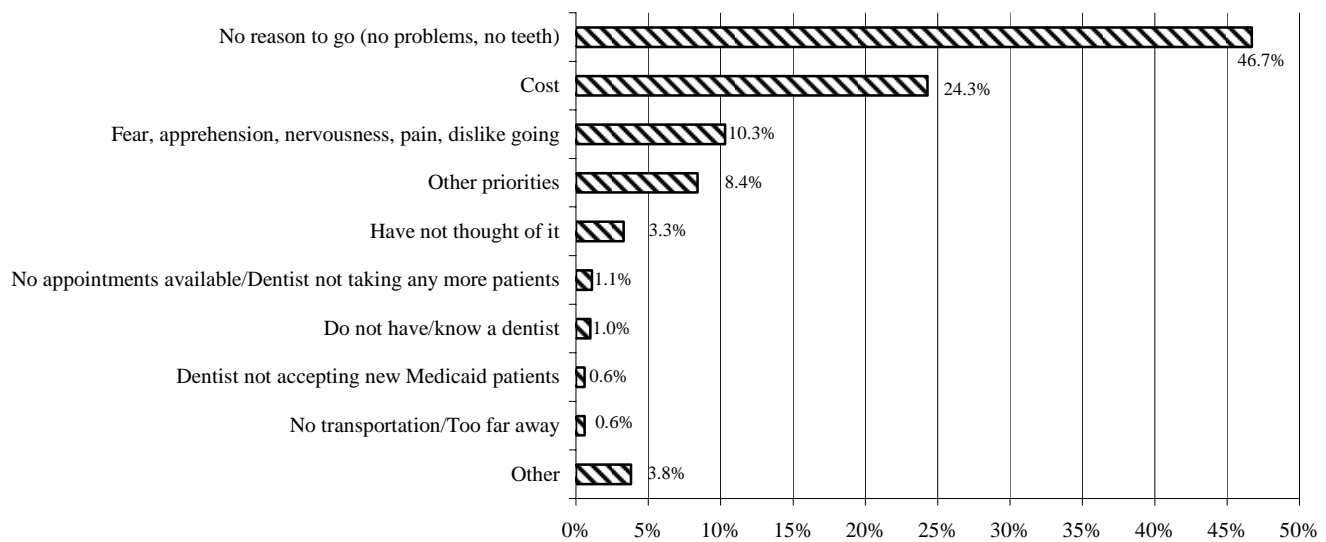
| Table 46 Not Visited Dentist or Dental Clinic for Any Reason Within Past Year for Selected Health Behaviors and Conditions, 2004 | | | |
|---|----------------------|--------------------------------------|---------------|
| Health Behavior or Condition | # Respondents | % No Dentist or Dental Clinic | 95% CI |
| Fair or Poor Health Status | 955 | 40.0 | 36.1-44.0 |
| Excellent, Very Good, or Good Health Status | 5,158 | 26.2 | 24.7-27.7 |
| Physical Health Not Good for 30 Days of the Past 30 | 393 | 42.2 | 36.2-48.5 |
| Physical Health Not Good for 0-29 Days of the Past 30 | 5,682 | 27.2 | 25.8-28.6 |
| Mental Health Not Good for 20-30 Days of the Past 30 | 346 | 32.8 | 26.7-39.5 |
| Mental Health Not Good for 0-19 Days of the Past 30 | 5,720 | 27.6 | 26.2-29.0 |
| Usual Activities Unattainable for 10-30 Days of the Past 30 | 392 | 35.4 | 29.9-41.2 |
| Usual Activities Unattainable for 0-9 Days of the Past 30 | 5,714 | 27.4 | 26.0-28.9 |
| Obese (BMI = 30.0+) | 1,541 | 30.5 | 27.8-33.4 |
| Overweight (BMI = 25.0-29.9) | 2,262 | 28.8 | 26.5-31.2 |
| Recommended Weight (BMI = 18.5-24.9) | 2,043 | 25.6 | 23.3-28.1 |
| No Leisure Time Physical Activity | 1,317 | 35.4 | 32.3-38.6 |
| Leisure Time Physical Activity | 4,807 | 26.2 | 24.6-27.7 |
| Current Smoker | 1,218 | 36.4 | 33.0-39.9 |
| Former Smoker | 1,604 | 30.4 | 27.9-33.1 |
| Never Smoked | 3,297 | 23.8 | 22.0-25.7 |
| Drank Alcohol in Past 30 Days | 3,282 | 26.3 | 24.5-28.2 |
| No Alcohol in Past 30 Days | 2,808 | 30.2 | 28.1-32.3 |
| Binge Drinker | 793 | 28.2 | 24.4-32.2 |
| Not a Binge Drinker | 5,278 | 27.8 | 26.4-29.4 |
| Heavy Drinker | 207 | 29.8 | 23.0-37.6 |
| Not a Heavy Drinker | 5,847 | 27.7 | 26.3-29.1 |
| No Mammogram within Past Two Years (40+) | 653 | 40.2 | 35.9-44.7 |
| Mammogram within Past Two Years (40+) | 2,002 | 20.9 | 19.0-22.9 |
| No Clinical Breast Exam within Past Two Years | 680 | 38.6 | 34.1-43.4 |
| Clinical Breast Exam within Past Two Years | 2,880 | 22.1 | 20.3-24.1 |
| Insufficient Cervical Cancer Screening | 399 | 42.6 | 36.2-49.3 |
| Sufficient Cervical Cancer Screening | 2,243 | 22.1 | 20.0-24.4 |
| No PSA Test within Past Two Years (40+) | 803 | 37.1 | 33.4-41.1 |
| PSA Test within Past Two Years (40+) | 968 | 26.5 | 23.5-29.8 |
| No Digital Rectal Exam within Past Two Years (40+) | 817 | 35.4 | 31.7-39.2 |
| Digital Rectal Exam within Past Two Years (40+) | 1,008 | 28.0 | 24.9-31.3 |
| No Blood Stool Test within Past Two Years (50+) | 2,415 | 32.4 | 30.2-34.6 |
| Blood Stool Test within Past Two Years (50+) | 886 | 25.4 | 22.3-28.7 |
| Never Had Sigmoidoscopy or Colonoscopy (50+) | 1,651 | 34.8 | 32.2-37.6 |
| Ever Had Sigmoidoscopy or Colonoscopy (50+) | 1,669 | 26.5 | 24.1-28.9 |
| Not Taking any Precautions Against West Nile Virus | 1,905 | 32.6 | 30.0-35.3 |
| Taking Precautions Against West Nile Virus | 4,055 | 25.8 | 24.2-27.5 |
| No Health Insurance (18-64) | 369 | 50.8 | 43.8-57.7 |
| Health Insurance (18-64) | 3,905 | 23.2 | 21.6-24.8 |

| Table 46 (continued) Not Visited Dentist or Dental Clinic for Any Reason Within Past Year for Selected Health Behaviors and Conditions, 2004 | | | |
|---|----------------------|--------------------------------------|---------------|
| Health Behavior or Condition | # Respondents | % No Dentist or Dental Clinic | 95% CI |
| Employer Based Health Insurance Coverage (18-64) | 2,676 | 21.0 | 19.3-23.0 |
| Private Health Insurance Plan (18-64) | 531 | 26.2 | 22.0-30.9 |
| Medicare (18-64) | 117 | 37.8 | 28.2-48.4 |
| Medicaid or Medical Assistance (18-64) | 111 | 40.0 | 28.8-52.3 |
| The Military, CHAMPUS, TriCare, or the VA (18-64) | 185 | 27.4 | 20.4-35.7 |
| The Indian Health Service (18-64) | 236 | 31.4 | 24.1-39.8 |
| No Flu Shot (65+) | 419 | 44.2 | 38.8-49.7 |
| Flu Shot (65+) | 1,281 | 34.7 | 31.8-37.8 |
| No Pneumonia Shot (65+) | 576 | 39.3 | 34.8-44.0 |
| Pneumonia Shot (65+) | 1,108 | 35.9 | 32.7-39.2 |
| Diabetes | 532 | 41.1 | 35.9-46.4 |
| No Diabetes | 5,594 | 27.0 | 25.6-28.5 |
| Current Asthma | 441 | 30.3 | 24.9-36.2 |
| Former Asthma | 191 | 23.7 | 17.2-31.8 |
| Never Had Asthma | 5,473 | 27.8 | 26.4-29.3 |
| Previously Had a Heart Attack | 369 | 42.0 | 36.4-47.8 |
| Never Had a Heart Attack | 5,614 | 27.2 | 25.8-28.7 |
| Have Angina or Coronary Heart Disease | 401 | 36.9 | 31.6-42.5 |
| Do not Have Angina or Coronary Heart Disease | 5,563 | 27.4 | 25.9-28.8 |
| Previously Had a Stroke | 192 | 48.9 | 40.9-57.0 |
| Never Had a Stroke | 5,788 | 27.4 | 26.0-28.9 |
| Physical, Mental, or Emotional Disability | 1,253 | 35.0 | 31.8-38.4 |
| No Physical, Mental, or Emotional Disability | 4,799 | 26.3 | 24.8-27.9 |
| Disability with Special Equipment Needed | 447 | 42.0 | 36.6-47.7 |
| No Disability with Special Equipment Needed | 5,608 | 27.0 | 25.6-28.5 |
| Four or More Hours of TV Watched per Day | 1,424 | 34.0 | 31.1-37.0 |
| Less Than Four Hours of TV Watched per Day | 4,514 | 26.3 | 24.8-28.0 |
| Sick from Poor Indoor Air Quality in Past Year | 1,013 | 26.4 | 23.2-29.9 |
| Not Sick from Poor Indoor Air Quality in Past Year | 5,068 | 28.2 | 26.7-29.7 |
| Sick from Outdoor Air Pollution in Past Year | 423 | 26.3 | 21.7-31.6 |
| Not Sick from Outdoor Air Pollution in Past Year | 5,679 | 28.0 | 26.6-29.5 |
| Firearm in Household | 3,371 | 26.9 | 25.1-28.7 |
| No Firearms in Household | 2,523 | 29.2 | 27.0-31.6 |
| Loaded and Unlocked Firearm in Household | 274 | 36.1 | 29.3-43.5 |
| No Loaded and Unlocked Firearms in Household | 5,582 | 27.4 | 26.0-28.9 |
| No Birth Control (females 18-44 & males 18-59) | 333 | 34.4 | 28.2-41.1 |
| Birth Control (females 18-44 & males 18-59) | 1,687 | 24.4 | 22.1-26.9 |
| Never Been Tested for HIV (18-64) | 3,091 | 25.9 | 24.0-27.8 |
| Been Tested for HIV (18-64) | 1,156 | 25.7 | 22.7-28.9 |
| Sunburn in Past 12 Months | 2,172 | 24.4 | 22.3-26.7 |
| No Sunburn in Past 12 Months | 3,945 | 30.6 | 28.8-32.4 |
| Military Veteran | 1,009 | 29.2 | 26.0-32.5 |
| Not a Military Veteran | 5,105 | 27.7 | 26.1-29.2 |

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004

The main reason respondents stated for not visiting the dentist in the last year was no reason to go with 46.7 percent of respondents saying this. Figure 36, on the next page, displays respondents' reasons for not visiting the dentist in the last year.

Figure 36
Respondents' Main Reason for Not Visiting the Dentist in the Last Year, 2004



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2004